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```
MODULE      EDFSTRUCT;
/* EDFSTRUCT - Structure definitions for EDIT/FDL
/*
/*      Version      'V04-000'
/*
/******
/*
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/*
/******
/*
/*+++
/*
/* FACILITY:  EDIT/FDL (EDF)
/*
/* ABSTRACT:
/*
/*      This file contains the SDL source for EDIT/FDL (EDF).
/*
/* ENVIRONMENT:
/*
/*      n/a
/*
/*--
/*
/* AUTHOR:  Ken Henderson      CREATION DATE:  Sep-1982
/*
/* MODIFIED BY:
/*
/*      V03-003 KFH0003      Ken Henderson      8 Sep 1983
/*      Fixed ",," in constant list.
/*
/*      V03-002 KFH0002      Ken Henderson      26 Apr 1983
/*      Added offsets for ADD_KEY, DELETE_KEY
/*      scripts.
/*
/*      V03-001 KFH0001      Ken Henderson      14 Apr 1983
/*      Added offsets for SET_FUNCTION,
```

```
/*          GRANULARITY, PROMPTING, RESPONSES,
/*          ANALYSIS, SEGMENTED and OUTPUT.
/*

/** Non-QTAB offsets, for variables that don't correspond to questions.
/**
/** They should be ordered: IDATA, BDATA, RDATA, SDATA types.
/** (NON-STORAGE) means an identifier just generates a constant,
/** but will have an array location - which is never accessed.

/**
/** xxx_HIGH identifiers MUST immediately follow the xxx_LOW identifiers!!!
/**

/** IDATA OFFSETS FOLLOW

        #MARK0 = 0;

CONSTANT      (
              "FDL_FILL",
              "FINAL_DESIGN",          /** (NON-STORAGE)
              "FIRST_SCRIPT",          /** (NON-STORAGE)
              "WRITE_PLOT",
              "Y_HIGH",
              "Y_LOW",
              "Y_INCR",

              ) EQUALS #MARK0
              INCREMENT 1
              PREFIX "EDFS"
              COUNTER #MARK1;

/** BDATA OFFSETS FOLLOW

CONSTANT      (
              "DUMMY"

              ) EQUALS #MARK1+1
              INCREMENT 1
              PREFIX "EDFS"
              COUNTER #MARK2;

/** RDATA OFFSETS FOLLOW

CONSTANT      (
              "ADDED_FILL",
              "LOAD_FILL",

              ) EQUALS #MARK2+1
              INCREMENT 1
              PREFIX "EDFS"
              COUNTER #MARK3;
```


/** SDATA OFFSETS FOLLOW

```
CONSTANT      (  
    'PLACE HOLDER'  
    ) EQUALS #MARK3+1  
    INCREMENT 1  
    PREFIX 'EDFS'  
    COUNTER #MARK4;
```

/** QTAB equivalent offsets that correspond to actual questions

/**

/** They should be ordered SDATA, RDATA, BDATA, IDATA types

/** SDATA OFFSETS FOLLOW

```
CONSTANT      (  
    'DATA_FILE_NAME',  
    'FDL_TITLE',  
    'KEY_NAME',  
    'ANALYSIS',  
    'OUTPUT'  
    ) EQUALS #MARK4+1  
    INCREMENT 1  
    PREFIX 'EDFS'  
    COUNTER #MARK5;
```

/** RDATA OFFSETS FOLLOW

```
CONSTANT      (  
    'DATA_KEY_COMP',  
    'DATA_RECORD_COMP',  
    'INDEX_RECORD_COMP',  
    ) EQUALS #MARK5+1  
    INCREMENT 1  
    PREFIX 'EDFS'  
    COUNTER #MARK6;
```

/** BDATA OFFSETS FOLLOW

```
CONSTANT      (  
    'KEY_COMP_WANTED',  
    'REC_COMP_WANTED',  
    'IDX_COMP_WANTED',  
    'ASCENDING_ADDED',  
    'ASCENDING_LOAD',  
    'BLOCK_SPAN',  
    'CONFIRM',  
    'SEGMENTED',  
    'GLOBAL_WANTED',  
    ;
```

/** FUNCTION

```
"KEY_CHANGES",
"KEY_DIST",
"KEY_DUPS",
"RETURN"
```

/** FUNCTION

```
) EQUALS #MARK6+1
INCREMENT 1
PREFIX "EDFS"
COUNTER #MARK7;
```

/** IDATA OFFSETS FOLLOW

CONSTANT

(

```
"CLUSTER_SIZE",
"ACTIVE_KEY",
"ADDED_COUNT",
"ADDED_COUNT_LOW",
"ADDED_COUNT_HIGH",
"BLOCKS_IN_BUCKET",
"BUCKET_WEIGHT",
"CARR_CTRL",
"CONTROL_SIZE",
"CURRENT_FUNCTION",
"DESIGN_CYCLE",
"DESIRED_FILL",
"FILL_LOW",
"FILL_HIGH",
"GLOBAL_COUNT",
"GRANULARITY",
"INITIAL_COUNT",
"INITIAL_COUNT_LOW",
"INITIAL_COUNT_HIGH",
"KEY_POSITION",
"KEY_LOW",
"KEY_HIGH",
"KEY_SIZE",
"KEY_TYPE",
"LOAD_METHOD",
"MAX_RECORD_SIZE",
"MEAN_RECORD_SIZE",
"NUMBER_DUPS",
"NUMBER_KEYS",
"NUMBER_RECORDS",
"PROLOGUE_VERSION",
"PROMPTING",
"RECORD_FORMAT",
"RESPONSES",
"SCRIPT_OPTION",
"SET_FUNCTION",
"SIZE_LOW",
"SIZE_HIGH",
"SURFACE_OPTION",
"TEST_PRIMARY",
"TEST_SECONDARY",
"TEST_SECONDARY_VALUE"
```

/** QUALIFIER TYPE

/** QUALIFIER TYPE

/** SYNONYM FOR INITIAL COUNT

/** QUALIFIER TYPE


```
) EQUALS #MARK7+1
INCREMENT 1
PREFIX 'EDF$'
COUNTER #MARK8;
```

/** Array boundaries definitions

```
CONSTANT      'EDF$K_SDATASTART'    EQUALS #MARK3+1;
CONSTANT      'EDF$K_SDATAEND'      EQUALS #MARK5;

CONSTANT      'EDF$K_RDATASTART'    EQUALS #MARK2+1;
CONSTANT      'EDF$K_RDATAEND'      EQUALS #MARK6;

CONSTANT      'EDF$K_BDATASTART'    EQUALS #MARK1+1;
CONSTANT      'EDF$K_BDATAEND'      EQUALS #MARK7;

CONSTANT      'EDF$K_IDATASTART'    EQUALS #MARK0;
CONSTANT      'EDF$K_IDATAEND'      EQUALS #MARK8;

CONSTANT      'EDF$K_VDATASTART'    EQUALS #MARK4+1;
CONSTANT      'EDF$K_VDATAEND'      EQUALS #MARK8;

CONSTANT      'EDF$K_QTABSTART'     EQUALS #MARK4+1;
CONSTANT      'EDF$K_QTABEND'       EQUALS #MARK8;
```

/** Insert_object collison-action definitions

```
CONSTANT      (
    'REPLACE_OBJ',
    'IGNORE_OBJ',
    'AFTER_OBJ'

    ) EQUALS 0
INCREMENT 1
PREFIX 'I';
```

/** Where definitions

```
CONSTANT      (
    'IF_FULL_PROMPT',
    'LOWER_AREA',
    'PAUSE',
    'SCREEN'

    ) EQUALS 0
INCREMENT 1
PREFIX 'W';
```

/** Bucket-weight definitions

```
CONSTANT      (
    'SMALLER_BUFFERS',
```

```
"FLATTER_FILES"
```

```
) EQUALS 0  
INCREMENT 1  
PREFIX "EDFS";
```

```
/** Load-method definitions
```

```
CONSTANT (  
    "FAST_CONVERT",  
    "NOFAST_CONVERT",  
    "RMS_PUTS"  
  
    ) EQUALS 0  
    INCREMENT 1  
    PREFIX "EDFS";
```

```
/** Surface-option definitions
```

```
CONSTANT (  
    "FILL_SURFACE",  
    "SIZE_SURFACE",  
    "INIT_SURFACE",  
    "ADDED_SURFACE",  
    "KEY_SURFACE",  
    "LINE_SURFACE"  
  
    ) EQUALS 0  
    INCREMENT 1  
    PREFIX "EDFS";
```

```
/** Current-function definitions
```

```
CONSTANT (  
    "ADD",  
    "DELETE",  
    "EXIT",  
    "HELP",  
    "INVOKÉ",  
    "MODIFY",  
    "QUIT",  
    "SET",  
    "VIEW"  
  
    ) EQUALS 0  
    INCREMENT 1  
    PREFIX "EDFS";
```

```
/** Set_function definition
```

```
CONSTANT (  
    "SET_ANALYSIS",
```



```
"SET_DISPLAY",  
"SET_EMPHASIS",  
"SET_GRANULARITY",  
"SET_NUMBER_KEYS",  
"SET_OUTPUT",  
"SET_PROMPTING",  
"SET_RESPONSES",  
"SET_SCRIPT",  
"SET_TEMPLATÉ"
```

```
) EQUALS 0  
INCREMENT 1  
PREFIX "EDFS";
```

/** Responses definitions

```
CONSTANT (  
    "AUTO",  
    "MAN"  
  
    ) EQUALS 0  
    INCREMENT 1  
    PREFIX "EDFS";
```

/** Prompting definitions

```
CONSTANT (  
    "FULL",  
    "BRIEF"  
  
    ) EQUALS 0  
    INCREMENT 1  
    PREFIX "EDFS";
```

/** Granularity definitions

```
CONSTANT (  
    "ONE",  
    "TWO",  
    "THREE",  
    "FOUR",  
    "DOUBLÉ"  
  
    ) EQUALS 0  
    INCREMENT 1  
    PREFIX "EDFS";
```

/** Script-option definitions

```
CONSTANT (  
    "ADD_KEY_FDL",  
    "DELETE_KEY_FDL",
```

```
"IDX_DESIGN_FDL",
"REL_DESIGN_FDL",
"SEQ_DESIGN_FDL",
"OPTIMIZE_FDL",
"REDESIGN_FDL",
"ZERO_SCRIPT"
```

```
) EQUALS 0
INCREMENT 1
PREFIX 'EDF$';
```

```
/** Yes-No definitions
```

```
CONSTANT (
    "NO",
    "YES",
    ) EQUALS 0
    INCREMENT 1
    PREFIX 'EDF$';
```

```
/** Answer-class definitions
```

```
CONSTANT (
    "STRING_ANSWER",
    "REAL_ANSWER",
    "BOOLEAN_ANSWER",
    "INTEGER_ANSWER",
    "KEYWORD_ANSWER",
    "NO_ANSWER",
    "OBJECT_ANSWER",
    ) EQUALS 0
    INCREMENT 1
    PREFIX '"" TAG '"";
```

```
/** Equivalences for Design-cycle definitions
```

CONSTANT	"EDFSK_RS"	EQUALS	"EDFSK_MEAN_RECORD_SIZE";
CONSTANT	"EDFSK_KL"	EQUALS	"EDFSK_KEY_SIZE";
CONSTANT	"EDFSK_KP"	EQUALS	"EDFSK_KEY_POSITION";
CONSTANT	"EDFSK_IL"	EQUALS	"EDFSK_INITIAL_COUNT";
CONSTANT	"EDFSK_BF"	EQUALS	"EDFSK_DESIRED_FILL";
CONSTANT	"EDFSK_EM"	EQUALS	"EDFSK_BUCKET_WEIGHT";
CONSTANT	"EDFSK_RF"	EQUALS	"EDFSK_RECORD_FORMAT";
CONSTANT	"EDFSK_RC"	EQUALS	"EDFSK_DATA_RECORD_COMP";
CONSTANT	"EDFSK_KC"	EQUALS	"EDFSK_DATA_KEY_COMP";
CONSTANT	"EDFSK_DK"	EQUALS	"EDFSK_KEY_DUPS";
CONSTANT	"EDFSK_LM"	EQUALS	"EDFSK_LOAD_METHOD";
CONSTANT	"EDFSK_AR"	EQUALS	"EDFSK_ADDED_COUNT";
CONSTANT	"EDFSK_IC"	EQUALS	"EDFSK_INDEX_RECORD_COMP";
CONSTANT	"EDFSK_WP"	EQUALS	"EDFSK_WRITE_PLOT";
CONSTANT	"EDFSK_FINIS"	EQUALS	"EDFSK_FINAL_DESIGN";
CONSTANT	"EDFSK_PV"	EQUALS	"EDFSK_PROLOGUE_VERSION";


```
CONSTANT      "EDF$K_KT"          EQUALS "EDF$K_KEY_TYPE";

/*  The following are used to interface to the EDF$GRAPH routine.
/*
  CONSTANT (
    LINE
    , SRF_INCREASING
    , SRF_DECREASING
    ) EQUALS 0 INCREMENT 1 PREFIX "EDF$" TAG "C";

  CONSTANT (
    BACKGROUND_COLOR
    , DARK_RED
    , MEDIUM_YELLOW
    , LIGHT_GREEN
    ) EQUALS 0 INCREMENT 1 PREFIX "EDF$" TAG "C";

END_MODULE EDFSTRUCT;
```


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